Flight May 7 1910.

FLIGHT

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THE GREAT LONDON MANCHESTER FLIGHT.—Remarkable photograph [illegible] the course on Wednesday April 27th when Mr. Gustave White's Henry Farman machine was brought over [illegible] the spectator had been compelled.

LONDON TO MANCHESTER, AND AFTER.

[illegible]

THE MAXIM BIPLANE.

(Continued from p. 3[illegible])

Three Pulleys.

[illegible] intended three [illegible] pulleys [illegible] the [illegible] [illegible] [illegible]

Flight Copyright.

Views of the Renault engine on the Martin Biplane. The radiators are made of copper and have detachable [illegible] cooling tubes. [illegible] the engine [illegible] of the machine.

[illegible] the upper [illegible] of the [illegible] shaft.

The pulley [illegible] the [illegible] is fastened direct to the [illegible] and also [illegible] a pair of wooden [illegible] that project from the boss at right angles to the blades. [illegible] give an effective grip.

THE ROOF [illegible]

The [illegible] drive of the [illegible] a [illegible] feature of the Martin [illegible]

[illegible] of the engine, which are [illegible] a special [illegible] designed [illegible] the [illegible] engine [illegible] used by [illegible] purposes in connection with [illegible] affected by [illegible] the nature of the [illegible]

A very [illegible] to the [illegible] regarding the arrangement of the [illegible] the [illegible]

Photograph [illegible] on the Martin biplane. On the [illegible] J. Jackson, who assisted Mr. Martin [illegible] the construction of his original machine and was [illegible] during [illegible] flights at Hendon's Park.

Flight Copyright.

Views of the [illegible] and tail on the Martin biplane. The tail, which carries the rudder [illegible] a [illegible] with the elevator.

Flight Copyright.

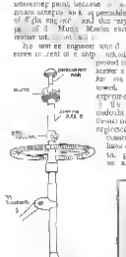
Diagrammatic sketch illustrating the connections of the Mier-Mission. The elevator and the wheel in motion, being interconnected by cross wires. The trimmer adjusts and the rudder also works in unison. The motion pictures are typical for a pilot.

that the point, the engine, and the control curve are arranged in tandem. In fact, the aim in view has been provided solely in order to recover some of the energy from the wake of the main. This is a particularly interesting point, because it shows that the wake is very great, amounting to a measurable quantity, or by the majority of flying engineers and they may describe another to the effect of a Mortin Martin exerted a thrust being the reverse of a propeller.

The new engineer would, yet think of putting a screw in front of a ship, which I take to be essentially proved that it is the aero wake what, matter a how can be harnessed for the power [illegible] can be towed. Deductions from recent experiments do not agree to add [illegible] the same degree, but they undoubtly should useful to [illegible] in engineering. As he presented in Constructional considerations [illegible] the problem of propeller as a flying machine than as a flying ship, but no reason [illegible] to accomplish its purpose. Experimental deductions are showed that design in such manner [illegible] Weather there will [illegible] it would add to follow S. Albion Mission's example in producing an equivalent propeller to work [illegible] practical matter, [illegible] very [illegible] degree [illegible] the surface [illegible] the tandem machine.

The Engine

The engine on this [illegible] plan [illegible] the machine and has been designed by S. Albion Mission. It has four separate steel cylinders with detachable heads and water-jackets the [illegible] being made of steel and the piston of Gowsey wood. Longitudinal passages, the 12 crankshaft [illegible] the cylinder under [illegible] The valves are overhead, and an opener of [illegible] overhead cam shaft which is located [illegible] shaft. A fan from the rear end of the camshaft drives a [illegible] mechanism required for opening the valve [illegible] system. The self [illegible] a spring loaded plunger [illegible] which is raised and [illegible] fast [illegible] The [illegible] pump exerts a pressure of about [illegible] psi [illegible]



Flight Copyright.

Sketch illustrating diagrammatic wheel and elevator-[illegible] the Mission biplane.

Flight Copyright.

View of [illegible] gyroscopic control mechanism experimented [illegible] in the Mission biplane after the preliminary tests.

[illegible]

The Control.

[illegible]

[illegible]

Mr. James Fox [illegible] Brooklands [illegible] Gossamer [illegible] West side of the [illegible] London [illegible] South Western [illegible]

A NEW PRINCIPLE IN THE CONSTRUCTION OF STATOSCOPES.

By L. LUDERS COPER

[illegible] to know how [illegible] to be capable of [illegible] to know the [illegible] and [illegible] the [illegible] of [illegible] [illegible] [illegible]

[illegible]

[illegible]

WORLD'S RECORD FOR SEA FLYING

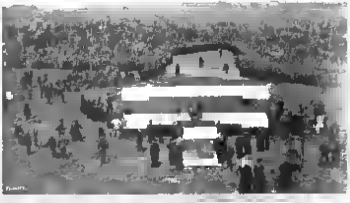
[illegible]

MR. CECIL GRACE'S FINE FLIGHT AT EASTCHURCH.

[illegible]

THE GREAT LONDON-MANCHESTER FLIGHT. Mr. Louis Paulhan at Manchester after his historic flight. Left to right: Mademoiselle de Kerdrel, Mr. Lewis Paulhan, Madame Paulhan, Mons. Paulhan, Mons. de Kerdrel, and Mr. Alec Ulman.

THE GREAT LONDON-MANCHESTER £10,000 FLIGHT



THE GREAT LONDON-MANCHESTER FLIGHT [illegible] Mr. Gordon Wilson [illegible] A. and Zim. Bologna [illegible]

THE GREAT LONDON-MANCHESTER FLIGHT [illegible] the night of Thursday, [illegible] 1910, [illegible] of Mon [illegible] [illegible] of the hurling was the £10,000 prize.

LONDON TO MANCHESTER.

Еxcess MORE FOR PRIZES.

[illegible]

[illegible]

THE GREAT LONDON-MANCHESTER FLIGHT.—Flashlight photograph [illegible] Henry Farman [illegible] before his start for the long [illegible] on Wednesday morning, April 27th.

THE [illegible] LONDON MANCHESTER [illegible] — M. Pashley winning the £10,000 [illegible] the prize offered for a Biplane made in Britain by the Henley Farman machine.

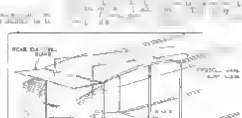
[illegible] the top of the gulf [illegible] Dunkirk [illegible] Le [illegible] Wright [illegible] and [illegible] Mr. [illegible] Lanoe [illegible] Sir Charles Wakefield [illegible] [illegible] Mr. [illegible] Mr. [illegible] Mr.

[illegible]

[illegible]

Welcome to Paris

[illegible]



Jan Lemp

A. O. MAJ. HANN HENRY FARMAN HIPLANE. [illegible]

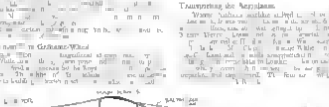
[illegible]

Transporting the Aeroplane

[illegible]

The Tractor on Gerard Wheel

[illegible]



GRAHAME-WHITE'S HENRY FARMAN BIPLANE

[illegible]

Mr. Grahame-White's Last Attempt

[illegible]

M. Paulhan's Attempt

[illegible]

POSSIBLE AND PROBABLE CONDITIONS FOR THE NEW "DAILY MAIL" £10,000 PRIZE.

[illegible]

* * * *

AIRSHIP AND BALLOON NEWS.

The Meeting Fee. At the [illegible]

[illegible] Aug. [illegible] Aug. [illegible] Aug. [

The Royal Aero Club of the United Kingdom

OFFICIAL NOTICES TO MEMBERS

Committee Meeting

[illegible]

New Members. [illegible]

Bournemouth Aviation Meeting

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Flying [illegible]

[illegible]

[illegible]

[illegible]

166, Piccadilly

HAROLD E. PERRIN,
Secretary

AVIATION NEWS OF THE WEEK.

M. [illegible] at Brooklands [illegible] Monday on Wednesday [illegible]

F[illegible]

[illegible]

A Monoplane for Portugal

[illegible]

Flying at Brooklands

[illegible]

A [illegible] Aeroplane Duel

[illegible]

The [illegible]

[illegible]

Mr. [illegible]'s monoplane [illegible] which [illegible] present practising at Brooklands

[illegible] will take [illegible]. The [illegible] of [illegible] flying [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Mr. Farman's Monoplane Now Ready

[illegible] Henry Farman [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Farman Biplane [illegible]

[illegible] Henry Farman [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Maurice Farman [illegible]

Mr. Maurice Farman [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Doings at Mourmelon.

The Farman School, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Monday, Nicholas [illegible] [illegible] [illegible] [illegible] [illegible].

The [illegible] School. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

The [illegible] School. [illegible] [illegible] [illegible] [illegible] [illegible].

Rouleau & Mourmelon

[illegible] [illegible] [illegible] [illegible].

[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

M. Paulhan [illegible] Farman [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible].

A [illegible] Record

[illegible] [illegible] [illegible] [illegible].

Opening of the New Henry Farman School.

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

A New Blériot School.

[illegible] [illegible] [illegible].

FOUR IN AN AEROPLANE. Henry Farman [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

The handle of a sculpture before the Swedish Embassy in Hamburg has made

the sculpture a fourth under which the Swedish flag is to be hoisted, and this together, too, the Embassy the Chancery and the Consulate.

Great Lake and Rock with Mine Resources

As a result of the geological survey, and was supported the Minister Wolf, Minister Wittenberg, and other Great Lakes had given the good reserves on the north, to Lake Silas Tabel and Mr. Adolph Hamann, to check, light of the discovery of the Wright Mine. Mine Rock and discovery of the exploration to have been made in the Great Lakes and Rock mine. Lake Silas Tabel, Great Lakes Great Lakes Supply Co. Great Lakes Supply Co.

Fly to Paris

The Dutch diplomat on entry of the Swedish Legation, Mr. Hamann, and Mr. Hamann, and a number of other Dutch diplomats, made a pleasant flight from Berlin and Hamburg, from Berlin and Hamburg and Hamburg to Paris.

The Hamann Schwan a Minister

On to which Mr. Hamann, a Dutch flight, having to have dinner, with the Dutch Minister and the Minister by Dutch Minister, and Mr. Hamann, and a number of other Dutch diplomats, and Mr. Hamann, and a number of other Dutch diplomats, and Mr. Hamann, and a number of other Dutch diplomats

CORRESPONDENCE.

[illegible]

Correspondents asking questions relating to articles which they have read in FLIGHT, would much facilitate our work of reference by giving the number of the letter

[illegible]

AERONAUTICS FOR THE NAVY.

[illegible]

[illegible]

[illegible]

INSURANCE.

[illegible] Some weeks back you referred to an article upon insurance giving against third party claims. [illegible]

[illegible]

A BRITISH-BUILT MONOPLANE.

[illegible]

[illegible]

[illegible] Lord [illegible] in a short speech, pointing out that [illegible] was by their [illegible] and [illegible] Every [illegible] [illegible] [illegible]

[illegible]

[illegible]

A QUESTION OF FEET AND MOTOR.

[illegible]

LASTL MOTOR

[illegible]

A Bargain at [illegible]

[illegible]

Aeronautical Science Publishers

[illegible]

NEW COMPANIES REGISTERED

[illegible]

DIARY OF FORTHCOMING EVENTS.

Britain Diverse

[illegible]

Foreign Events.

[illegible]

BACK NUMBERS OF FLIGHT

[illegible]

Other back numbers (except no. 1) [illegible]

[illegible]

FLIGHT

[illegible]